

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q94086

Yuzuru SUGANO, et al.

Appln. No.: 10/576,269

Group Art Unit: 1756

Confirmation No.: 3633

Examiner: Unknown

Filed: April 18, 2006

For: POLYOLEFIN MAGNETIC FINE PARTICLE HAVING FUNCTIONAL GROUP ON  
THE SURFACE THEREOF

**REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT**

**ATTN:** Office of Initial Patent Examination

Filing Receipt Correction

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

We enclose a copy of the Official Filing Receipt for the above-identified application and  
request the following correction:

**Assignment For Published Patent Application:**

TRIAL CORPORATION  ~~; Precision System Science Co., Ltd.~~

Precision System Science Co., Ltd.

Verification for the requested correction is indicated on the executed Declaration and  
Power of Attorney and Assignment filed April 18, 2006.

REQUEST FOR CORRECTED FILING RECEIPT  
U.S. Application No.: 10/576,269

Q94086

Respectfully submitted,

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

/s/ Raul Tamayo/

L. Raul Tamayo

Registration No. 47,125

Date: December 22, 2006



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPL NO	FILING OR 371 (C) DATE	ART UNIT	FIL FEE REC'D	ATTY DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/576,269	04/18/2006	1756	1260	Q94086		10	1

CONFIRMATION NO. 3633

23373  
SUGHRUE MION, PLLC  
2100 PENNSYLVANIA AVENUE, N.W.  
SUITE 800  
WASHINGTON, DC 20037

## FILING RECEIPT



\*OC000000021459912\*

DEF 7 2006

Date Mailed: 12/04/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Yuzuru Sugano, Kanagawa, JAPAN;  
Kenzo Susa, Tokyo, JAPAN;  
Kenji Arimoto, Kanagawa, JAPAN;

## Assignment For Published Patent Application

TRIAL CORPORATION, Precision System Science Co., Ltd.  
Precision System Science Co., Ltd.

Power of Attorney: The patent practitioners associated with Customer Number 23373.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/15887 10/27/2004.

## Foreign Applications

JAPAN 2003-373357 10/31/2003

If Required, Foreign Filing License Granted: 12/02/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/576,269**

Projected Publication Date: 03/15/2007

# DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 C.F.R. 1.63)

## 実用・意匠特許出願宣言書および委任状 (37 C.F.R. 1.63)

### Japanese Language Declaration

私は以下の通り宣言します：

各発明者の住所、郵送先、および国籍は下記氏名の後に記載された通りです。

下記名称の発明に関し請求範囲に記載され特許出願がされている発明内容につき、下記に記載された発明者が本来かつ最初の発明者であると信じます。

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

POLYOLEFIN MAGNETIC FINE PARTICLE HAVING  
FUNCTIONAL GROUP ON THE SURFACE THEREOF

☐ 上記発明の明細書は本書に添付されます。

または

☐ 上記発明は米国出願番号あるいは PCT 国際出願番号 \_\_\_\_\_ (確認番号 \_\_\_\_\_) として \_\_\_\_\_ 年 \_\_\_\_ 月 \_\_\_\_ 日に出版され、 \_\_\_\_\_ 年 \_\_\_\_ 月 \_\_\_\_ 日に補正されました (該当する場合)。

☐ the specification of which is attached hereto

OR

☒ was filed on October 27, 2004 as United States Application Number or PCT International Application Number PCT/JP2004/015887 (Confirmation No. \_\_\_\_\_), and was amended on by preliminary amendment as filed with the national stage application \_\_\_\_\_ (if applicable).

私は補正が上に明示された場合は補正された特許請求範囲を含む前記明細書の内容を検討し、理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

私は一部継続出願の場合先行出願の出願日から一部継続出願の国内あるいは PCT 国際出願日までの期間中に入手された重要な情報を含み、37 C.F.R. 1.56 に定義される特許性に許容な情報について開示義務があることを認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part application(s), material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

# Japanese Language Declaration

私は 35 U.S.C. 119(a)-(d) あるいは (f), または 365(b) に基づき特許、発明者、あるいは植物育種家証書の下記外国出願、または 365(a) に基づきアメリカ合衆国以外の少なくとも 1ヶ国を指定した下記 PCT 国際出願についての外国優先権特典をここに主張するとともに、下記項目に x 印を付けることにより優先権を主張する出願以前の出願日を有する特許、発明者、あるいは植物育種家証書の外国出願または PCT 国際出願を示します。

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application(s) having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)  
先行外国出願番号

Priority Claimed?  
優先権の主張 ?

Yes No  
有リ 無し  
☒ ☐

2003-373357

JAPAN

31 October 2003

(Application Number)  
(出願番号)

(Country)  
(国名)

(Filing Date)  
(出願日)

(Application Number)  
(出願番号)

(Country)  
(国名)

(Filing Date)  
(出願日)

☐ ☐

私は 35 U.S.C. 119(e) に基づき下記米国優先特許出願の国内優先権をここに主張します。

I hereby claim domestic priority under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

(Application Number)  
(出願番号)

(Filing Date)  
(出願日)

(Application Number)  
(出願番号)

(Filing Date)  
(出願日)

私は 35 U.S.C. 120 に基づき下記米国特許出願、あるいは 365(c) に基づき米国を指定する下記 PCT 国際出願の利益をここに主張し、本特許出願内特許請求範囲の各項目の内容が 35 U.S.C. 112 の最初の項に規定される方法により先行米国あるいは PCT 国際特許出願で開示されていない限りにおいて 37 C.F.R. 1.56 に定義される本出願の特許性に肝要で、先行特許出願の出願日から本特許出願の国内あるいは PCT 国際出願日までの期間中に入手された情報について開示義務があることを認めます。

I hereby claim benefit under 35 U.S.C. 120 of any United States application(s) or 365(c) of any PCT international application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge my duty to disclose any information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. or International Application Number(s)  
先行米国あるいは国際出願番号

(Application Number)  
(出願番号)

(Filing Date)  
(出願日)

(Status: patented, pending, abandoned)  
(状態: 特許成立済、係属中、放棄済)

(Application Number)  
(出願番号)

(Filing Date)  
(出願日)

(Status: patented, pending, abandoned)  
(状態: 特許成立済、係属中、放棄済)

私は本宣言書内で私自身の知識に基づいてなされたすべての陳述が真実であり、情報および信ずるところに基づいてなされたすべての陳述が真実であると信じられていることをここに宣言し、さらに故意でなされた虚偽の陳述等々は 18 U.S.C. 1001 に基づき罰金あるいは拘禁または両方による処罰にあたり、またかような故意による虚偽の陳述はそれに基づき特許出願あるいは成立特許の有効性を危うくする可能性があることを認識した上でこれらの陳述をなしたことを宣言します。

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

# Japanese Language Declaration

委任状：私は下記の米国特許商標局 (USPTO) 顧客番号のもとに記載される SUGHRUE MION 法律事務所すべての弁護士を、同顧客番号のもとに記載される個々の弁護士は Sughrue Mion 法律事務所のみ自由裁量に基づき変更され得ることを認識した上で、本特許出願の手續きおよびそれに関わる米国特許商標局との業務を遂行する弁護士として指名し、本特許出願に関するすべての通信が同 USPTO 顧客番号のもとに提出された住所宛に送付されることを要請します。

POWER OF ATTORNEY: I hereby appoint all attorneys of SUGHRUE MION, PLLC who are listed under the USPTO Customer Number shown below as my attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Sughrue Mion, PLLC, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.

## STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 C.F.R. §1.69(b):

The declaration and power of attorney is an accurate translation of the corresponding English language declaration and power of attorney.

Signature

Date

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

電話連絡は下記へ：

SUGHRUE MION, PLLC  
(202) 293-7060

Direct Telephone Calls to:

SUGHRUE MION, PLLC  
(202) 293-7060

### NAME OF SOLE OR FIRST INVENTOR:

唯一あるいは第一の発明者名

Given Name (first and middle [if any]) 名 (名およびミドルネーム[該当する場合])	Yuzuru 弦	Family Name or Surname 姓	SUGANO 菅野
Inventor's signature 発明者の署名	菅野 弦		Date 日付
Residence: 住所:	KANAGAWA, JAPAN 日本国神奈川県		Citizenship 国籍
Mailing Address: 郵送先:	22-3, Fueda 2-chome, Kamakura-shi, KANAGAWA, JAPAN 日本国神奈川県鎌倉市苗田二丁目2番3号		Japanese 日本

### NAME OF SECOND INVENTOR:

第二の発明者名:

Given Name (first and middle [if any]) 名 (名およびミドルネーム[該当する場合])	Kenzo 憲三	Family Name or Surname 姓	SUSA 須佐
Inventor's signature 発明者の署名	須佐 憲三		Date 日付
Residence: 住所:	TOKYO, JAPAN 日本国東京都		Citizenship 国籍
Mailing Address: 郵送先:	2196-81, Hirsu, Hinode-machi, Nishitama-gun, TOKYO, JAPAN 日本国東京都西多摩郡日の出町平井2196の81		Japanese 日本

**NAME OF THIRD INVENTOR:**

第三の発明者名:

Given Name (first and middle [if any]) 名 (名およびミドルネーム[該当する場合])	Kenji 憲二	Family Name or Surname 姓	ARMOTO 有本
Inventor's signature 発明者の署名	有本 憲二	Date 日付	7. Apr. 2006
Residence: 住所:	KANAGAWA, JAPAN 日本国神奈川県	Citizenship 国籍	Japanese 日本
Mailing Address: 郵送先:	4-2451-55, Iriya, Zama-shi, KANAGAWA, JAPAN 日本国神奈川県座間市入谷 4-2451-55		

**NAME OF FOURTH INVENTOR:**

第四の発明者名:

Given Name (first and middle [if any]) 名 (名およびミドルネーム[該当する場合])	Family Name or Surname 姓
Inventor's signature 発明者の署名	Date 日付
Residence: 住所:	Citizenship 国籍
Mailing Address: 郵送先:	

**NAME OF FIFTH INVENTOR:**

第五の発明者名:

Given Name (first and middle [if any]) 名 (名およびミドルネーム[該当する場合])	Family Name or Surname 姓
Inventor's signature 発明者の署名	Date 日付
Residence: 住所:	Citizenship 国籍
Mailing Address: 郵送先:	

**NAME OF SIXTH INVENTOR:**

第六の発明者名:

Given Name (first and middle [if any]) 名 (名およびミドルネーム[該当する場合])	Family Name or Surname 姓
Inventor's signature 発明者の署名	Date 日付
Residence: 住所:	Citizenship 国籍
Mailing Address: 郵送先:	

**NAME OF SEVENTH INVENTOR:**

第七の発明者名:

Given Name (first and middle [if any]) 名 (名およびミドルネーム[該当する場合])	Family Name or Surname 姓
Inventor's signature 発明者の署名	Date 日付
Residence: 住所:	Citizenship 国籍
Mailing Address: 郵送先:	

# ASSIGNMENT

Whereas, I/we, Yuzuru SUGANO of KANAGAWA, JAPAN  
Kenzo SUSA of TOKYO, JAPAN, and  
Kenji ARIMOTO of KANAGAWA, JAPAN

hereinafter called assignor(s), have invented certain improvements in

## POLYOLEFIN MAGNETIC FINE PARTICLE HAVING FUNCTIONAL GROUP ON THE SURFACE THEREOF

and executed an application for Letters Patent of the United States of America therefor on

*April 3, 2006, April 4, 2006 and April 7, 2006* ; and

Whereas, TRIAL CORPORATION  
349, Hirasawa, Hadano-shi, KANAGAWA, JAPAN and

Precision System Science Co., Ltd.  
88, Kamihongou, Matsudo-shi, CHIBA, JAPAN

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. § 119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date: *3. Apr. '06* s/

*菅野 弘*

Yuzuru SUGANO

Date: *4. Apr. 2006* s/

*須佐 喜三*

Kenzo SUSA

Date: *7. Apr. 2006* s/

*有本 豪二*

Kenji ARIMOTO